

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|--|---|------------------|---------|------------------|
| S1 | 4713 | 710/5,15,17,18,29,35,36,39,52,53,56.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/25 13:51 |
| S2 | 196 | S1 and (I/O near3 (request\$3 command\$3 access\$4) near3 (queue buffer fifo)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/28 14:51 |
| S3 | 22 | S2 and ((batch\$5 burst\$4 coales\$5) with (request\$4 command\$4 access\$4)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/25 14:24 |
| S4 | 6164 | 710/5,15,17,18,29,35,36,39,52,53,56.ccls. or 709/232,233,234.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/25 13:51 |
| S5 | 206 | S4 and (I/O near3 (request\$3 command\$3 access\$4) near3 (queue buffer fifo)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/25 13:51 |
| S6 | 24 | S5 and ((batch\$5 burst\$4 coales\$5) with (request\$4 command\$4 access\$4)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/25 13:52 |
| S7 | 1228 | (I/O near3 (request\$3 command\$3 access\$4) near3 (queue buffer fifo)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/04 11:05 |
| S8 | 137 | S7 and ((batch\$5 burst\$4 coales\$5) with (request\$4 command\$4 access\$4)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/25 16:40 |
| S9 | 35354 | (determin\$5 calculat\$5 measur\$4) with (coales\$5 batch\$4 burst\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/25 16:41 |
| S10 | 63 | S7 and S9 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/25 16:42 |
| S11 | 7226 | (calculat\$4 determin\$4 measur\$5) with (coales\$5 batch\$4 burst\$4 combin\$5) with (request access limit) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/28 13:14 |
| S12 | 1220 | S11 and (request command access) near3 (FIFO buffer register queue) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/28 08:54 |

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| S13 | 333 | S11 and (I/O peripheral device) with (request command access) near3 (FIFO buffer register queue) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/28 08:54 |
| S14 | 410 | S11 and (I/O peripheral device storage) with (request command access) near3 (FIFO buffer register queue) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/28 08:55 |
| S15 | 11146 | (calculat\$4 determin\$4 measur\$5) with (coales\$5 batch\$4 burst\$4 combin\$5) with (request\$3 access\$3 limit\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/28 14:46 |
| S16 | 35304 | (calculat\$4 determin\$4 measur\$5) with (coales\$5 batch\$4 burst\$4 combin\$5) with (size limit\$3 amount count\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/28 15:02 |
| S17 | 852 | S16 and ((request\$3 command\$3 access\$4) near3 (queue buffer fifo)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/28 15:04 |
| S18 | 4910 | (calculat\$4 determin\$4 measur\$5) near3 (coales\$5 batch\$4 burst\$4 combin\$5) near3 (size limit\$3 amount count\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/28 15:02 |
| S19 | 229 | S18 and ((request\$3 command\$3 access\$4) near3 (queue buffer fifo)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/28 15:04 |
| S20 | 11518 | (threshold\$3 limit\$4 capacity watermark) with (calculat\$4 determin\$4 measur\$3) with (coales\$ combin\$5 burst\$3 batch\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/29 14:14 |
| S21 | 63 | S20 same ((access\$3 request\$5 command\$5) with (queue buffer fifo)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/29 14:15 |
| S22 | 490 | S20 and ((access\$3 request\$5 command\$5) with (queue buffer fifo)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/29 14:17 |
| S23 | 490 | S20 and ((access\$3 request\$5 command) with (queue buffer fifo)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/29 14:18 |
| S24 | 11518 | (threshold\$3 limit\$4 capacity watermark) with (calculat\$4 determin\$4 measur\$3) with (coales\$ combin\$5 burst\$3 batch\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/29 15:32 |
| S25 | 490 | S24 and ((access\$3 request\$5 command) with (queue buffer fifo)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/29 15:32 |

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| S26 | 11518 | (threshold\$3 limit\$4 capacity watermark) with (calculat\$4 determin\$4 measur\$3) with (coales\$ combin\$5 burst\$3 batch\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/29 16:24 |
| S27 | 490 | S26 and ((access\$3 request\$5 command) with (queue buffer fifo)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/29 16:24 |
| S28 | 1 | "20040165609".did. and (watermark threshold) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/12 10:07 |
| S29 | 6320 | 710/5,15,17,18,29,35,36,39,52,53,56.ccls. or 709/232-234.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/12 12:53 |
| S30 | 112 | S29 and ((queue buffer FIFO) with (request\$4 command\$4 access\$5)) and ((queue buffer fifo) with (limit threshold watermark)) and ((coalesc\$5 batch burst) with (request\$4 command\$4 access\$5)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/13 10:09 |
| S31 | 117 | S29 and ((queue buffer FIFO) with (request\$4 command\$4 access\$5)) and ((queue buffer fifo) with (limit threshold watermark (almost near3 full))) and ((coalesc\$5 batch burst) with (request\$4 command\$4 access\$5)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/12 13:00 |
| S32 | 186 | S29 and ((queue buffer FIFO) with (request\$4 command\$4 access\$5)) and ((queue buffer fifo) with (limit level threshold watermark (almost near3 full))) and ((coalesc\$5 batch burst) with (request\$4 command\$4 access\$5)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/12 13:05 |
| S33 | 192 | S29 and ((queue buffer FIFO) with (request\$4 command\$4 access\$5)) and ((queue buffer fifo) with (limit level threshold watermark (almost near3 full))) and ((coalesc\$5 batch\$5 burst\$5) with (request\$4 command\$4 access\$5)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/12 13:06 |
| S34 | 330 | S29 and ((queue buffer FIFO) with (request\$4 command\$4 access\$5)) and ((queue buffer fifo) with (limit level threshold watermark (almost near3 full))) and ((coalesc\$5 batch\$5 burst\$5 combin\$5 merg\$6) with (request\$4 command\$4 access\$5)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/12 13:06 |
| S35 | 217 | (haptic tactile) with (time near3 (slot interval period)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/12 15:28 |
| S36 | 1058 | ((queue buffer FIFO) with (request\$4 command\$4 access\$5)) and ((queue buffer fifo) with (limit threshold watermark)) and ((coalesc\$5 batch burst) with (request\$4 command\$4 access\$5)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/13 10:09 |
| S37 | 102 | ((queue buffer FIFO) with (request\$4 command\$4 access\$5)) same((queue buffer fifo) with (limit threshold watermark)) same((coalesc\$5 batch burst) with (request\$4 command\$4 access\$5)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/13 10:09 |
| S38 | 102 | ((queue buffer FIFO) with (request\$4 command\$4 access\$5)) same((queue buffer fifo) with (limit threshold watermark)) same((coalesc\$5 batch burst) with (request\$4 command\$4 access\$5)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/13 10:09 |

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| S39 | 1289 | (I/O near3 (request\$3 command\$3 access\$4) near3 (queue buffer fifo)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/04 11:05 |
| S40 | 142 | S39 and ((batch\$5 burst\$4 coales\$5) with (request\$4 command\$4 access\$4)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/04 11:05 |
| S41 | 12008 | (threshold\$3 limit\$4 capacity watermark) with (calculat\$4 determin\$4 measur\$3) with (coales\$ combin\$5 burst\$3 batch\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/05 09:30 |
| S42 | 509 | S41 and ((access\$3 request\$5 command\$5) with (queue buffer fifo)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/05 09:31 |
| S43 | 42 | (US-20020091903-\$ or US-20020133647-\$ or US-20020184460-\$ or US-20030196040-\$ or US-20040003087-\$ or US-20040044846-\$ or US-20040088427-\$ or US-20040143687-\$ or US-20040145582-\$ or US-20040165609-\$ or US-20040202181-\$ or US-20040255058-\$ or US-20040268177-\$ or US-20050033875-\$).did. or (US-4642758-\$ or US-5339449-\$ or US-5522054-\$ or US-5579530-\$ or US-5590304-\$ or US-5613155-\$ or US-5640596-\$ or US-5732094-\$ or US-5838950-\$ or US-5875343-\$ or US-5948081-\$ or US-5968147-\$ or US-6279050-\$ or US-6301630-\$ or US-6360339-\$ or US-6397287-\$ or US-6401147-\$ or US-6407742-\$ or US-6425023-\$ or US-6430628-\$ or US-6434631-\$ or US-6571298-\$ or US-6574709-\$ or US-6622186-\$ or US-6671752-\$ or US-6735679-\$).did. or (US-6859851-\$ or US-6877049-\$).did. | US-PGPUB; USPAT | OR | ON | 2005/07/05 16:59 |
| S44 | 18 | S43 and (sequential) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/05 16:59 |
| S46 | 4834 | ((driver software firmware) with (queue fifo buffer)) same ((controller adapter) with (queue fifo buffer)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/06 10:47 |
| S47 | 4953 | 710/5,15,17,18,29,35,36,39,52,53,56.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/06 10:48 |
| S48 | 259 | S46 and S47 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/06 10:48 |
| S49 | 160 | popovici.xa. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 09:43 |
| S50 | 146 | popovici.xp. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 13:51 |

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| S51 | 57 | (threshold watermark limit (almost near3 full)) with (determin\$4 calculat\$4 comput\$4) with (batch\$4 burst\$4 bundl\$4 coalesc\$4) with (command request) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 13:54 |
| S52 | 181 | (driver with queue with (storage disk)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/22 15:19 |
| S53 | 7015 | 710/5,15,17,18,29,35,36,39,52,53,56.ccls. or 709/232,233,234.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/22 15:24 |
| S54 | 230 | S53 and (I/O near3 (request\$3 command\$3 access\$4) near3 (queue buffer fifo)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/22 15:24 |
| S55 | 12 | S52 and S54 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/22 15:25 |